

LOCUS PLAN N.T.S.
Howland Avenue Pump Station
@ 111 MacArthur Drive

BENCHMARK ON CONCRETE SLAB AT NW CORNER "SQUARE" MARK ELEVATION 9.14



REFURBISH EXISTING ELECTRICAL & COMMUNICATION WIRING TO ATTAIN FLOOD-PROOF CONDITION. (PENDING)



REPLACE EXISTING HATCH WITH FLOOD-PROOF HATCH AND MANWAY SAFETY ACCESSORY HARDWARE. (PENDING)



REFURBISH EXISTING MANWAY ACCESS WITH NEW FLOOD-PROOF HATCH SYSTEM INCLUDING HINGED OR REMOVABLE MANWAY CAGE AND LADDER. (PENDING)

REFURBISH EXISTING HATCH WITH FLOOD PROOFING GASKET & HARDWARE. (PENDING)

ELIMINATE COMMUNOTOR MOUNT AND REPLACE WITH REINFORCED CONCRETE IN FILL PATCH SAME THICKNESS AS EXISTING SLAB. (PENDING)

GENERAL NOTES FOR AS-BUILT:

1. Work shown complete on this drawing includes; removal of the louver near the main entry.
2. FLOOD PROTECTION ELEVATIONS:
Inundation w/ 0' Sea Level Rise ELEVATION 6.82
Inundation w/ 1' Sea Level Rise ELEVATION 8.70
Inundation w/ 2' Sea Level Rise ELEVATION 13.31
Inundation w/ 4' Sea Level Rise ELEVATION 15.11

FLOOD PROTECTION LEVEL:

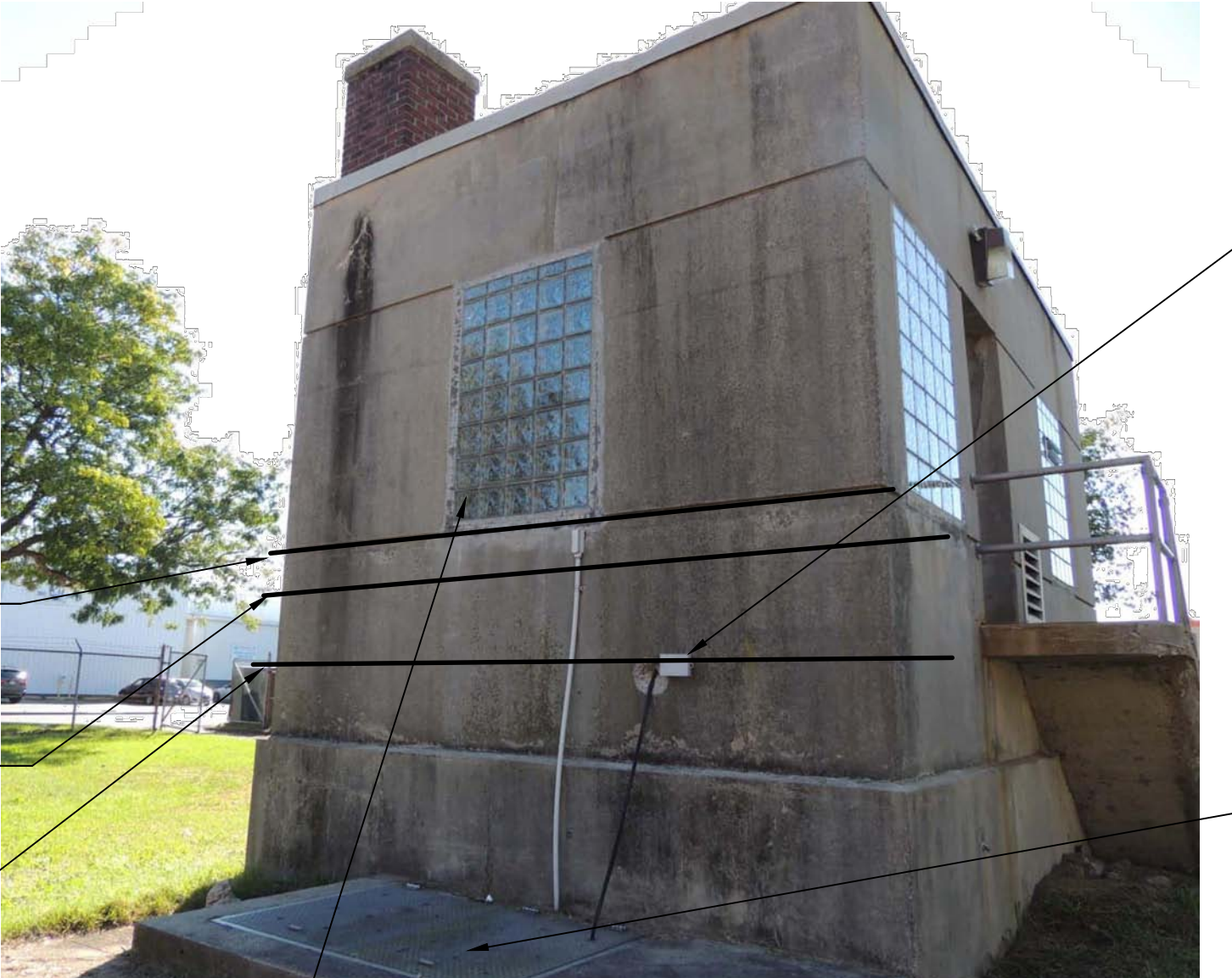
1. THE ESTIMATED STANDING STILL WATER FLOOD PROTECTION LEVEL ASSOCIATED WITH THE WORK COMPLETED TO DATE FOR THE PUMP STATION DRY WELL FACILITY IS TO AT LEAST THE TOP OF THE STOP LOG RAILS AT THE MAIN ENTRY SET AT APPROXIMATE ELEVATION 16.1 WHICH EXCEEDS THE EXPECTED MAXIMUM FLOOD LEVEL OF 15.11.
2. THE ESTIMATED STANDING WATER FLOOD PROTECTION LEVEL ASSOCIATED WITH THE WORK COMPLETED TO DATE FOR THE PUMP STATION WET WELL FACILITY IS UNCHANGED WITH THE WET WELL OPEN TO FLOOD WATERS DUE TO THE CONNECTION TO THE FLOOD WATERS THROUGH THE COLLECTION SYSTEM.
3. NONE OF THE FLOODPROOFING MEASURES TO DATE ARE COMPLETELY WATERTIGHT NOR EXPECTED TO HANDLE SURGING CURRENTS OR DEBRIS COLLISION WITH THE BUILDING NOTING THAT THE PUMP STATION BUILDING IS A REINFORCED CONCRETE STRUCTURE.

**AS-BUILT
SEPTEMBER 15, 2016**

NO.	DATE	DESCRIPTION	BY
1	9/15/16	CONVERT DRAWING TO AS-BUILT	DJF

CITY OF NEW BEDFORD
DEPARTMENT OF PUBLIC INFRASTRUCTURE
Howland Ave Pump Station Map 37 Lot 105&106
111 MacArthur Drive New Bedford MA 02740

DESIGNED BY : DJF
CHECKED BY :
SCALE: NTS
DATE : March 31_16
SHEET 2



NORTH ELEVATION



INSTALL EXTERIOR STAINLESS STEEL PERIMETER FRAME AROUND WINDOW TO ACCEPT BOLT-ON ALUMINUM PLATE SHUTTER TO BE STORED ON SITE TO PROTECT GLASS BLOCK WINDOWS FROM DEBRIS COLLISION. (PENDING)

RELOCATE GENERATOR CONNECTOR & CONDUITS TO WEST WALL. REFURBISH EXISTING ELECTRICAL AND COMMUNICATION UTILITY TO ATTAIN FLOOD-PROOF CONDITION. (PENDING)



INLET STRUCTURE

CHANGE OUT WINDOW WITH FUTURE PROVISIONS FOR DOOR OPENING WITH GANTRY TROLLEY FOR ACCESS TO INTERIOR HATCH OPENING SEE DETAIL SHEET 11. (PENDING)

ESTIMATED PROTECTION FLOOD ELEVATION 16.1 W/ 4 FT SEA LEVEL RISE

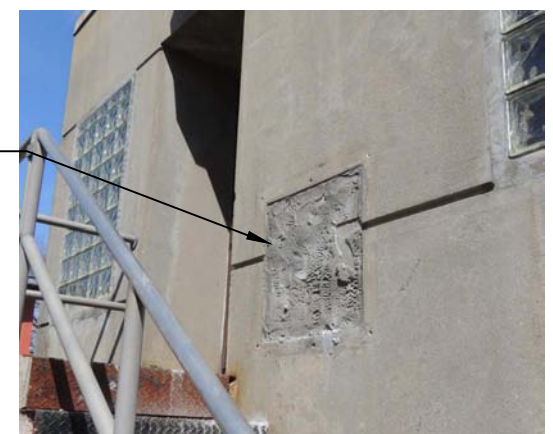
MAXIMUM FLOOD ELEVATION 15.11 W/ 4 FT SEA LEVEL RISE

FLOOD ELEVATION 13.31 W/ 2 FT SEA LEVEL RISE

FLOOD ELEVATION 8.70 W/ 1 FT SEA LEVEL RISE

BENCHMARK ON CONCRETE SLAB AT SW CORNER "SQUARE" MARK ELEVATION 8.06

LOUVER WAS ELIMINATED WITH INFILL MASONRY



STOP LOGS PLACED TO COVER MAXIMUM EXPECTED FLOOD ELEVATION



WEST ELEVATION

EXISTING DOOR TO REMAIN

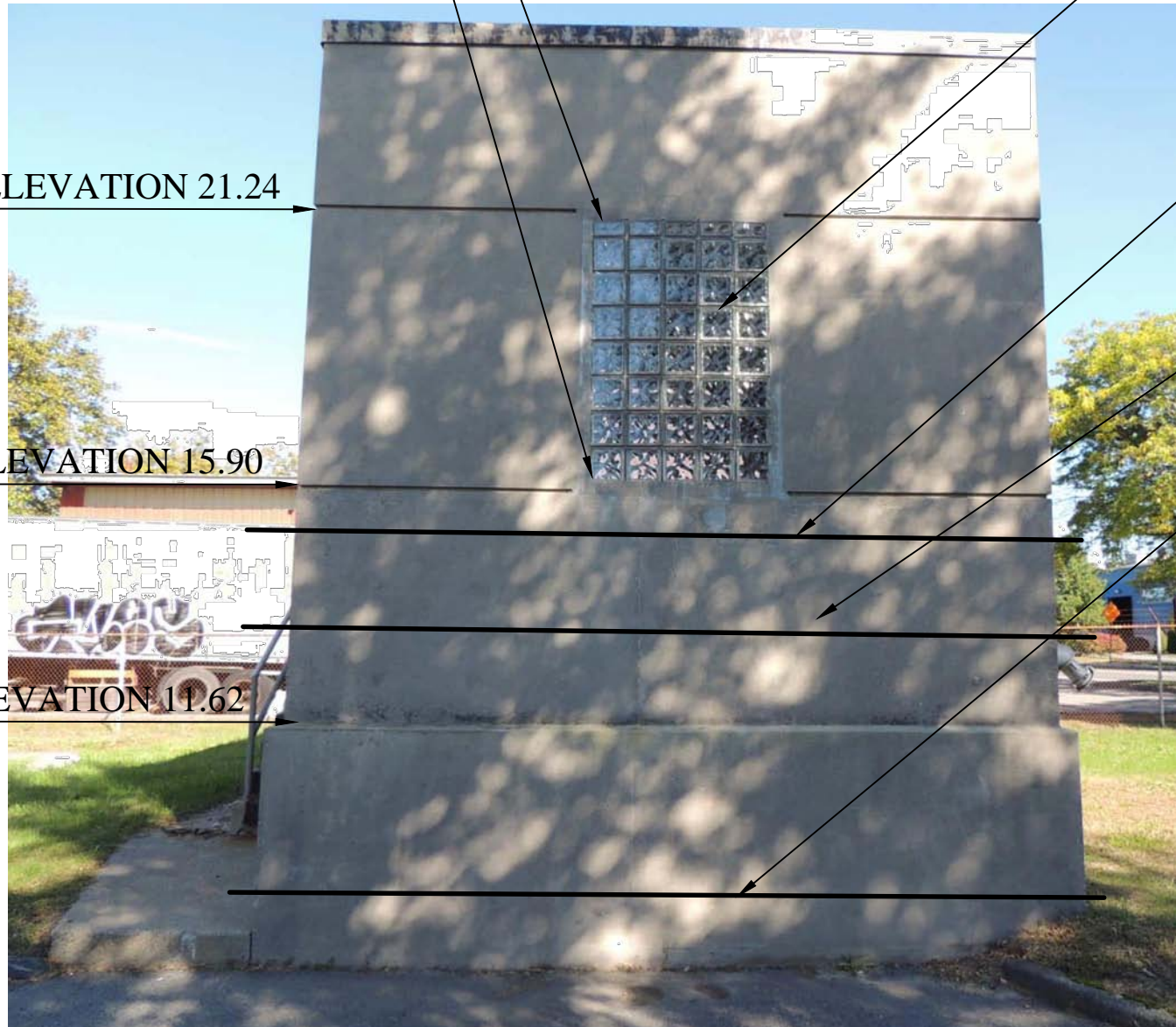
BENCHMARK AT NORTH SIDE OF LANDING AT FACE OF BUILDING @ ELEVATION *****



REMOVE EXISTING STAIR LANDING AND STAIR. REPLACE WITH NEW ENLARGED CONCRETE PLATFORM STRUCTURE TO SUPPORT GENERATOR PEDESTAL AND NEW CONCRETE ENTRY STOOP AND STAIRS. (PENDING)

TOP WINDOW OPENING TYPICAL ELEVATION 21.06+/-

BOTTOM OF WINDOW OPENING TYPICAL ELEVATION 16.10+/-



SOUTH ELEVATION

ELEVATION 21.24

ELEVATION 15.90

ELEVATION 11.62

FLOOD ELEVATION 15.11 W/ 4 FT SEA LEVEL RISE

FLOOD ELEVATION 13.31 W/ 2 FT SEA LEVEL RISE

FLOOD ELEVATION 8.70 W/ 1 FT SEA LEVEL RISE

STORY POLE TO BE MOUNTED TO BUILDING WALL. (PENDING)



EAST ELEVATION